HAPPY BIRTHDAY FLORIDA SKIP. 26 YEARS THIS MONTH.

[redacted]

COMING EVENTS

Jacksonville Hamfest, Aug. 6 & 7th
Melbourne Hamfest, Sept. 10 & 11th.
Tampa Hamfest, Nov. 12th.
Clearwater Suncoast Convention, Nov. 26-27.
Please send dates early. See elsewhere for Hamfest details. Thanks. Editor

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VOL. 27 No. 1 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION June 1983 Price 50 cents

SUN-DAY in Miami, May 1, 1983 sponsored by W4VPD was well attended. Here a few of the many visitors to the Hollywood ARC station. While N4BP was operating DX, many visitors were amazed "the little box" could talk around the world, while getting it's power from the Sun. See HARC Club column for details.(Photo WB4CKY)

MALICIOUS INTERFERENCE CHARGE RESULTS IN OVERPOWER OPERATION FINE

In another alleged intentional interference incident, Eugene B. Sykes, W4OO and W4BRB, of West Palm Beach, Florida, has been fined $550.00 by the FCC for overpower operation in the 40-meter Novice band. Sykes (who holds an Extra Class ticket) is located about 300 feet from another amateur, W4PZV, Henry Luhrman. The close proximity of their two operations eventually caused problems and erupted into charges of interference and harrassment.

Sykes was detected on 7123.37 kHz — a Novice frequency where power is restricted to 250 watts — running in excess of 540 watts output. Luhrman said that the second harmonic interfered with his 20-meter phone transmissions and that when he moved his frequency, Sykes would make a corresponding adjustment at 40-meters to deliberately interfere with him. The Ft. Lauderdale and Miami FCC office determined the power output by measuring power during a station inspection and comparing field strength readings on a spectrum analyzer. The FCC said they address "the concrete Part 97.67(d) violation" rather than the alleged malicious interference charge. "Overpower operation is easily provable in the field while deliberate interference is a different and harder charge to justify," I was told.

The FCC Field Office also added "Basically most of the work that

QSY back page.

STORM HIT GAINESVILLE AREA . . .

On Saturday, April 23 a severe storm leaving tornado and wind damage in its wake swept through North Florida. Alachua County ARES went into action shortly after 8 a.m. with a report of a tornado hit in Bell, Florida in Gilchrist County.

After it was determined that amateur radio assistance would not be needed in that area a call was received by American Red Cross that some homes were threatened by water which had overflowed the banks of Hogtown Creek. Hams assisted in an effort to sandbag the homes in trouble. This sandbag effort was completed Saturday afternoon when the water began to recede back into Hogtown Creek. Thanks to all hams who contributed in this outstanding job.

(ACE REPORTER — GARS)

ARRL TO FCC — "NO-CODE — NO WAY!"

Responding to overwhelming opposition to the concept of a no-code license by the membership, the ARRL Board of Directors voted at the Board Meeting last week to file comments stating in the strongest possible manner the opposition of the League to the no-code proposal. This is the statement adopted by the Board explaining the position taken.

"1. The Board initially registered opposition to the concept of a codeless license when it was first raised, citing amateur opinion disclosed by the LRPC Florida State Survey.

"2. Following issuance of Docket 83-28, and up to the time of this Board Meeting, ARRL has maintained an essentially neutral stance, editorially, in correspondence and in discussions. ARRL leadership, to this point, has refrained from attempts to direct or prejudice membership response.

"3. Membership opinion continues to be overwhelmingly opposed to dropping the code requirement. Any tolerance for a no-code license appears to arise more from acceptance of its presumed inevitability than acknowledgement of any intrinsic benefits perceived for the Amateur Radio Service.

"4. Board discussions in depth have led to the conclusion that no satisfactory compromise formula for a codeless license can be established in the foreseeable future. Considering the obligation of the Amateur Radio Service to its public service commitments and disciplined use of the radio spectrum, the board has no alternative but to reject the proposal.

"5. The board is keenly aware of the desirability of encouraging more people, particularly young persons, to join the ranks of Amateur Radio. It is only the method proposed by the Commission that is unacceptable. For its part the Board will continue to seek to improve and extend ARRL programs to reach and support the entry of newcomers to Amateur Radio.

"Therefore, the ARRL Board of Directors meeting in annual

QSY back page.

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33166.

E X C A L L S

Here is another nice list of EX-CALLS. How about sending in yours with your next Renewal or HAMBAR?

K5OTI	ex	WB4EBX
W4BTO	ex	W9EFQ, W2EFQ
KF4UI	ex	WD9AVO
N4ILN	ex	KA4WRQ
WO4L	ex	K8BRL, WA4FVD, W4MNZ KF4EO.
W4PEL	EX	W3LTU
KF4JX	ex	W8VOV, W2HXZ
KO4K	ex	KA4BIW
N4IJX	ex	KB4ZOC
K4DLM	ex	W9OXK
WN4Y	ex	N4IAT
N4IOT	exe	KL7BXJ. KG6ALG, KB6CN, KW6-EF, KZ5CW. All in 27 years....

S I L E N T K E Y S

We are deeply sorry to report the passing of the Radio amateurs in FLORIDA.

WA3ENE	Ervin Stockinger	Palm Beach Gardens
W1NWO	Samuel W. Budges	Hobe Sound
W8QW	David Anderson	Jensen Beach
KB4AWN	William C. Walker	Naples
WD4FCU	Frederic Peters	Plantation
K4NN	John J. Schleich	Ft. Lauderdale
K4RHC	George Thompson	Chiefland
K4WG	James Sackrider	Miami Springs

Dear Andy,
I recently moved to Sunrise, Florida from New York City. I am also a new subscriber to Florida Skip. I find your publication extremely interesting and well informing. It is forwarded to my son, Irwin, K2VG in San Jose, California for his reading pleasure.

73,
Joseph Schwartz, K2VGV
2701 Sunrise Lakes Drive E.
Sunrise, Florida 33322

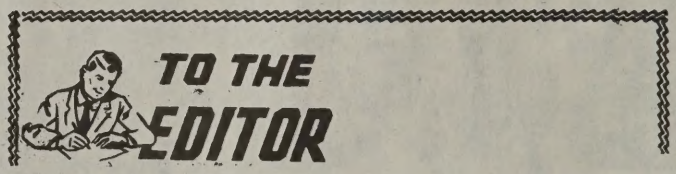
GUEST EDITORIAL

By Billy Williams, N4UF, SM in FLA.

The deadline for comments on the no-code license is June 28th. All hams are urged to write to their elected national representatives including our two Florida Senators, Lawton Chiles and Paula Hawkins. They can be reached via **United States Senate; Washington, DC 20510.** There has been a big increase in the volume of mail going to Washington lately and I hope this will make a mark on our elected representatives. There is a feeling among some that the FCC comment period is a charade after which the FCC will make a ruling favorable to the no-code enthusiasts, mainly because interests who stand to gain a large market at the expense of lowered standards. Under present laws, however, Congress can overrule the actions of any government agency.

With the recent disclosures of improprieties within the Environmental Protection Agency (which is an administrative/appointive agency like the FCC), there is ample reason to be skeptical about the motives of many bureaucrats who are trying to please the special interests. Hopefully, by making our opinions known to Congress, we can overcome this problem. If the volume of mail continues to increase as it has in the past few weeks, there is little doubt that we can blow the doors off of those trying to sell us a bill of goods in the form of the codeless license!

I urge everyone to exercise his and her constitutional right to be heard by our elected representatives. Letters need not be long and this is one of the most important issues ever to hit (or be forced upon) amateur radio. Take the time and write! Do it soon before June 28th. Since that date is just after Field Day, some clubs are asking their members to write and then bring a copy of their comments to Field Day for posting. It's a good tie-in and I hope the clubs throughout Florida will respond to this challenge of knocking the codeless license out of the box. We can do it but only if the volume of protests continues to rise. Also write your local House member at **U.S. House of Representatives, Washington, DC 20515.**



Dear Andy:
We would appreciate your help in spreading the word to Florida amateur radio operators planning to attend college for the 1983-84 term that Dade Radio Club has established an annual scholarship program, "The Tropical Hamboree Scholarships for Florida Amateur Radio Operators". Two $500.00 scholarships will be awarded for the 1983-84 term and two each years thereafter. I have enclosed an announcement which contains most of the requirements and where to write for applications.

DRC has been working for many years to establish the scholarship program and we are very grateful to all our Hamboree supporters for their help. As the Hamboree grows so will the number of scholarships we will be able to award and every attendee will have participated in the future of amateur radio.

Good luck to you and the family, and thanks for many years of excellent publishing as Florida Skip is a joy to us all.

73 and Sincerely yours,
Evelyn Gauzens, W4WYR,
Chairman, Tropical Hamboree' **(EDITOR'S NOTE: CONGRATULATIONS TO D.R.C. ON THIS "FIRST" IN FLORIDA AMATEUR RADIO SCHOLARSHIPS. A GREAT IDEA! — GOOD LUCK.)**

•

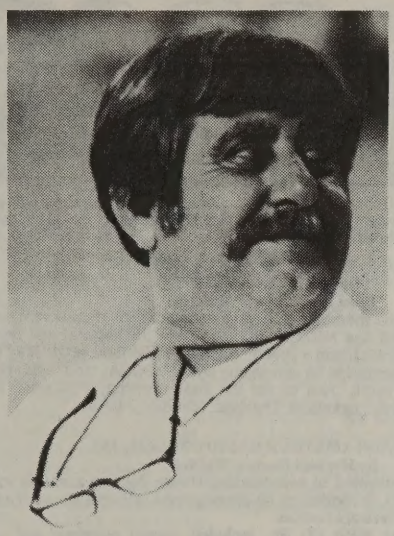
EDITOR, FLORIDA SKIP
Compliments to all amateurs.
I feel that it is well to write a letter to all amateurs concerning their honesty and integrity. We have been in the quad biz for 29 years, and have sold our product to amateurs from Norway to Australia. In this period we have run into only one so-called ham who "done us wrong". He signed the check as Ecuadorian Import/Export Co., of Miami, Florida. I contacted the bank on whom the check was written, and they told me that he was in trouble with them also. That is the only one who has "done us wrong". A record, I think. The rest of the 99.999% are honest with us, and should be thanked and congratulated. Thanks for publishing this, in your fine magazine, Andy.

Van, W4YM,
SKYLANE PRODUCTS
TEMPLE TERRACE, FL.

•

FLORIDA SKIP EDITOR:
Just a note to let you know how much I enjoy "Florida Skip." This is like the old days, when you could brouse through some of the old pubs and find just what suited you. Keep it up, Guys, you're doing a real fine job.
Also find my check (one G.W.) for four of the Repeater Maps. Thanks very much.

Regards,
Ted Anthiny, W3HYZ
Lakeland, FL



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NEW OWNER!

Eli D'Jahon KE4AW

Stop by Broward County's **most complete** amateur radio center and meet our new owner, Eli D-Jahon, KE4AW.

Eli is a well-known amateur radio expert and now he brings this vast knowledge to Crane Amateur Radio

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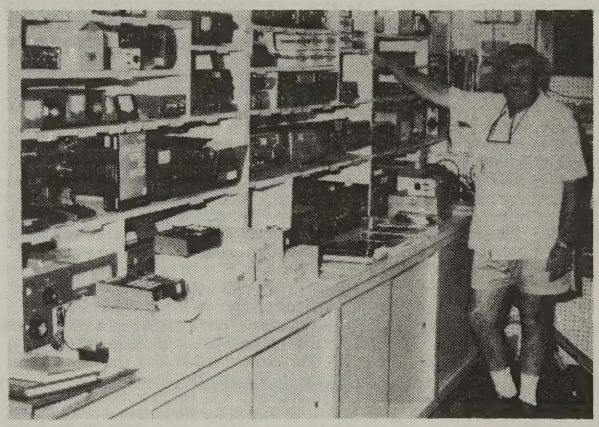

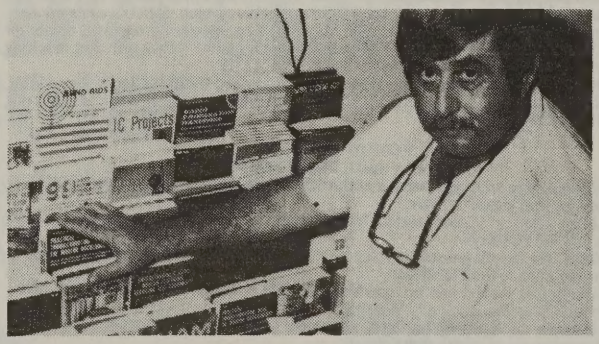

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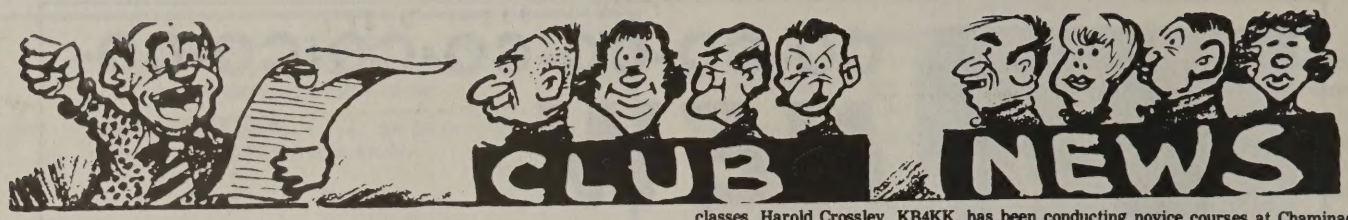

CLEARWATER AMATEUR RADIO SOCIETY
By Eli Nannis K4JMH

There were 40 members and guests at our April 14th meeting. The guests were VE2BF, W4MAK, N4FML and WA4ENT. Mr. Rudy Scheffer, Senior Training instructor Technical for GTE gave a talk with slides entitled "Star Talk" which was about satellite communications. It was a most interesting program. Our Treasurer, Lou, K4HWS, reported that we are now in fairly good financial condition but the repeater could use a few extra bucks. The club 2 meter repeater on 145.43 is now being put in good condition and a 140 watt amplifier was donated ot the club operating on 2 metes. A second reading on the new constitution was held and it is now in effect. We held a picnic on April 10th at Taylor Park in Largo which was well attended, the weather was excellent and a good time was had by all. There was plenty of food supplied by the club.

It was voted to donate $100 to the Sheriff's Youth Ranch. This amount will send a child to their camp for 10 days. On May 12th, we will hold a radio auction. We will sell anything except boat anchors.

The Florida Gulf Coast Amateur Radio Council report was that the convention this year will be known as the Florida State ARRL Suncoast Convention and will be held at the Sheraton Sand Key Resort in Clearwater on Nov. 26, 27, 1983. It will be well worth your while to attend this year with many new features being planned. Our club meeting place is being changed and our June meeting will be at our new headquarters at the Morton Plant Hospital in Clearwater. We will have an equipment room for a station, emergency power and a place for antennas. Bill, W3LFY, won the half and half and he kindly donated to the repeater fund.

LAKELAND REPEATER ASSOCIATION, INC.
Open Repeater: 146.085-685
By Jim Gundry, W4JM

N4FFM made a beautiful ceramic clock which was presented to NW4R in appreciation of his work as 1982 President of the Association. NW4R reported on the potential for hams to assist with Civil Defense. W4JM reported on the FCC's no-code proposal. W2HGV advised the results of a ham radio demonstration to Boy Scouts and plans to run a Novice training class for interested Scouts. Copies of the Association's Constitution are available from the Secretary. The next meeting will be at 7:30 p.m., April 4 at Season's Restaurant, 2410 S. Florida Ave., Lakeland.

TAMPA AMATEUR RADIO CLUB, INC. — W4DUG
By "Cy" Connolly, W4DVO

Bill Johnson, AA4WJ, new Affiliated Club Coordinator, South Florida Section. Swap nite held May 16, at club. Lot of gear changed owners! Some talk last meeting re possibility Joint F.D. venture with Brandon ARC. Club QSO contest ended May 6th. Winners announced later. K4EUK, Frank, ansd, club QSL cards recently. Tks Comrade!

EZ, NJ4O, went camping in the Smokies, near Elkmont, N.C. and ran into snowstorm, a first in April in 80 years! Foul wx. gear Mate! All details for Field Day now complete, except need oprs. Sign up! As usual Larry, KR4X will lend his tower and FB rig! Tks. OM. Finally have new Club Roster, as of April 15th, available at club. K4EUK assisted Joni, KO4J, 2 meter comm. at TIA (airport), on May 5th. Rag chewers group still meets for lunch Wed's. at noon, Best Western, Kennedy Blvd. y'll come! New 2 mtr. ant. working great, at club. fq. 147.525. EZ, NJ4O, active again with MARS.

We located W4CPG, Russ Patterson in St. Pete and advised W4TKS, Claude Jones in Ft. Myers. Don't forget Field Day, June 25/26, and Club Picnic at WA4JWW's place, Lutz, Florida. All for now. 73.

FLORIDORA YLS
By Cathy Soehl, W4BAV/ARNS

The Floridoras were well represented at the SPARC Hamfest & we welcome KA4VXG-Sylvia Jennings, who joined us there.

N4HYL-Alice puts in a good signal from her N.C. QTH. She checks in with the "Floridora 40" Net Mondays.

K4CSC-Edna Wentworth passed her General Class License at the Orlando Hamfest & we welcome her back to the Floridoras.

K4RNS-Marge has moved into an apartment at 1115 S. Edgewood Ave.-Apt. 121, Jax. 42205. Good luck, Marge.

W4GXZ-Blanche & W4COW-Wes have returned to their N.H. Summer QTH. Hope weather cleared up there, Folks; hurry back!

K4JNC-Esther missing from the Net, due to some company & under doctor's care for their backs. OM, K4JNB-John in Naples Hospital for some tests. Hope he is home & doing O.K. now.

WB2MEU-Bernice returned to N.Y., but is now proud processor of the Floridora Certificate. Congrats.

KA4MEW-Winona had WA4RQT-Lo, in Jax., call her after Net to renew their contact when she was a Novice. Lo wound up with 3 Floridora contacts, when K4RNS & W4BAV broke in, for our Certificate. Winona has note books on all her CW Novice contacts, etc.

FLASH: If you have not sent in your 1983 dues, please send at once to W4WPD-Shirley Hill, Treasurer. New Roster in the works & want to get all on it. Send to 820 Walker Drive, Tampa. Fla. 33612.

HOLLYWOOD AMATEUR RADIO CLUB, INC.
By Marie Snow, WA4KXQ

Highlight of the May First 1983 SUN DAY was a solar-powered amateur radio station set up as its exhibit by the Hollywood Amateur Radio Club.

The weatherman obviously went along in support of the solar program and provided a glorious day for the occasion. Interest in the HARC Amateur Radio On-The-Air Station, with both domestic and DX traffic, ran high among the attendees. This marked the fifth such celebration keynoting the use of the sun as a source of power. The event was organized by the Florida Solar User Network to educate the public in Solar and Renewable Energy Fields.

Participating from HARC were Bob (N4BP) and Audrey Patten; Tom (WB4CKY) and Joy Middleton; and Dave (WB4LAX) and Minnie (WA4RLS) Levine. Andy Clark, W4IYT also visited the SUN-SITE.

HARC determined at its April 25 Executive Board meeting to offer an initial complimentary membership in the club to those novices completing the club-sponsored novice classes. Harold Crossley, KB4KK, has been conducting novice courses at Chaminade High School for the past few years. Potential amateurs may contact Harold at 584-5308 for information on the next scheduled class.

LAKELAND REPEATER ASSOCIATION, INC.
By Jim Gundry, W4JM
Open Repeater: 146-085-685

Thanks to the many old time members who have renewed their membership and support of the Association. N4NB and N4GZX are home from the hospital and doing fine. W4BJI is hospitalized and we wish him a speedy recovery. Highlight of the May meeting was an absolutely great presentation on astronomy by ex-W9GGA, circa 1935. Hopefully he will get back into ham radio. Join us for the June meeting; 7:30 p.m., Season's Restaurant, 2410 S. Florida Ave., Lakeland. The date: Monday, June 6.

PALM BEACH AMATEUR RADIO COUNCIL, INC.
By Herbert Gurian, W1CGJ

PBARC, an organization devoted to coordinating Public Service amateur radio activities in Palm Beach County, is continuing its development. All area licensed amateurs are regarded as members. There are no dues.

The April 21st meeting at WPB CD Hq. included annual elections and a bylaw modification session to more clearly define the organizational structure. Officers elected were Pres. Manny Papandreas (W4SS), Treas. Sheriden Johnson (WD4HAJ), and Sec'y. Rachel Sikes (KE4VS). The V-P's, one from each of the four county regions (North, South, West, and Central) are to be elected by the amateurs in their respective areas. The officers will serve as directors.

Recent activities include Law Day and Shamrock runs, Sunfest Air Shows (outstanding ham performance and PR on this), Boca Raton March of Dimes, and the Pratt & Whitney Special Olympics. The already excellent liaison with gov't. agencies involved in public safety (Red Cross, Civil Defense, police, emergency services, National Weather, etc.) is improving as they ore and more recognize our performance and potential.

Upcoming activities include a regional Simulated Emergency Test (SET) involving Dade, Broward, and PB county Red Cross, CD, and gov't. Also, a ten day effort with Sunfest, a major undertaking.

Hurricane season preparations already in progress will be accelerated. PBARC meetings will be held in all four county regions.

The AREC Repeater Group (146.67), net control repeater for the PBARC Central Region, has installed new Spectrum machine. Their completely independent (second site) backup repeater has been upgraded. Vaughn, WB4UHB, and Bill, K4GTE did super professional job including concrete basing and weatherproofed structure from scratch.

Charlie, N4BBZ, has his refurbished Spectrum machine back on 147.165 and achieving full county coverage. This is the tie repeater between Civil Defense, Red Cross, National Weather, and gov't. agencies with which we have direct radio communications.

West Palm Beach Amateur Radio Club (W4HAW) host club for Field Day at John Prince Park. Very extensive activities planned with preparations well under way and Coor's Coolers now loading.

ST. PETERSBURG AMATEUR RADIO CLUB
By Cathy Soehl, W4BAV/ARNS

WD4KGY-Oliver suffered abrasions & contusions when driving a Company car & someone ran the red light at an intersection. Oliver will vouch that it is safer to pilot a plane than drive a car. He recovered at home, suffering for a week or so.

WB4PIB-Walter joined the Silent Keys, April 2nd, after quite a long illness. He will be sadly missed & our heartfelt sympathy to Ruth & family.

KB3QS-Bob & KB3JAM-Betty, after a couple months in Bahamas, had rough trip back to Vero Beach & April 21st headed up the Waterway for North East, Md. Good sailing, Folks; hurry back.

W4MAK-Henry has completed his moving to 4936-C Winegard Road, Orlando, Fla. 32809. Good luck, Henry, keep in touch.

WD4ONZ-Dick & YF celebrated their 31st Wedding Anniversary March 31st. Congratulations, Folks, & many more.

WB4FVN-Nellie was summoned for Jury Duty, April 13th. Who says 13 is lucky? Hi!

WA4QGV-Bud is still troubled with laryngitis & often happens on Monday, so he cannot run Net. Bud, we wish you could get cured of it, as know how flustrating not to be able to talk.

N4BGS-Sam was called upon to run the National Traffic Net for 15 minutes, due to electrical storm at Net Control's QTH.

KA4MUM-Bernie headed for the North April 27th & requested members contact him on 14287 KHz every day between 10 & 11 A.M.

WB4PEL-Charlotte & WD4JXL-Joe got soaked working the Golf Tournament in the rain, as probably others did.

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NORTHERN FLORIDA NEWS

By Billy Williams, N4UF, SM N. FL

In news from around Northern Florida, the Daytona Beach ARA has revived its "Elmer" program which assists new licensees and prospective licensees by pairing them with an "old timer." DBARA also is donating amateur radio publications to local libraries. New officers of the Beaches ARS are Don Wansor, WB4QBM (President); Ed Baldwin, KA4RDQ (VP); Hap Pearson, W6JGL (Secretary); Bob Weikert, WA3UBA (Treasurer); Estelle Rhodes, WB4K and Walter Alpiger, W4KMX (Directors). Additional committee chairmen are W2KGI, WB4MMH, NE4Z, N4DWH, KA4OWJ, KA4OQT, KF4IG, WD4FHD and KA4YTF. Congratulations to this very active group!

Roy Mackey, N4ADI reports the Sentinel safari, sponsored by that Orlando newspaper was very successful as hams provided communications during the 6 day event. A route of 410 miles was covered and 850 bikers participated. Vehicles in the Safari were equipped with ham rigs which maintained contact between a first aid vehicle and the "sag" wagon (which picks up tired-out bikers). In addition, many repeaters were used and locals contacted to pass out and receive information. Help was provided in locating stranded bikers and getting first aid to those bikers who needed it. Thanks to N4ADI and Stan, VE3BSY for their administrative work as well as their direct participation.

The first Hernando County ARA Hamfest was a big success with over 400 people attending and 58 swap tables occupied. Plans already underway for next year. WB4TPG is heading up a committee to apply for non-profit status for HCARA. This is an important move because after the initial paperwork is done, the annual reporting to IRS is greatly simplified. In the case of our local club, a tax return is not even required unless annual income exceeds $10,000. Also, the IRS exemption can help in obtaining a non-profit mailing permit which cuts postage costs considerably for larger clubs (those mailing out 200 or more bulletins per month).

The TARS Foxhunt was held featuring WN4IIV and WB4LNO as the foxes. The K4MZA repeater now has an autopatch. Those interested should contact K4VRT for more information. New Technicians in the Tallahassee area are KB4CSD & KA4RDB. New Generals are KB4BZY and KA4YLU.

KNIGHTS OF THE KILOCYCLE

53rd Year

By John Witherspoon, W4GUJ

Most of us survived the change to daylight savings time. Each year one or more of us show up late on time change day and this year was no exception but for a different reason. It was Earl, W4NG. It seems that a big wind the day before had blown a large limb thru the roof and knocked out his power for a few days. These tornados seem to be getting worse all the time. A home just two miles from your scribe's home was completely demolished — that's just too close.

Seems as a little contest has developed for "most check ins" between Tallahassee and Lake Placid. Good luck to the winner.

Speaking of changing horses in mid-stream — Gil had to take time out on a recent Sunday to fix his antenna and it worked. It made quite a difference. Now we know how half of an antenna sounds like.

We had a very nice visit with Orbra, W4BIN and Roy, KA4WDP when they dropped by this QTH recently.

We invite you to check in with us each Sunday at 7:30 A.M. on 3910 KHz. Just five check-ins and you can be a full member.

The order of the roll as this is being written is: Top Twenty — W4DDW, W4DVR, W4DTS, K4WR, WA3VDC, W4TZ, N4HBW, WA4ZTY, K4YWK, W4BKC, W8NBU, W4JZV, K4UGC, W4CBK, W4SVB, K4ANJ, W4DNS, W4GUJ, W4BCZ, K9BSL.

A real Old Timer in South Florida is Jerry Meeks W4-DZN or Miramar. Jerry helped Ye Editor get on the air back in 1947 after 4 years in Uncles Navy. Jerry works mostly the HF bands on SSB. Thanks OM for all your help in years gone by. AC

FELLOWSHIP AMATEUR RADIO CLUB, INC.

By Zelma Shaw, WA4MKE

The Fellowship Amateur Radio Club held its regular meeting April 28, at Ingalls Park. New members welcomed were W4NPA John, N4HCE Ted, N4IFD M.A. Crisler, and N4IFE Barry. We hope to see all of you at each meeting. Speaker of the evening was new member, M.A. Crisler from Florida Power and Light who had film on radiatin; solar and nuclear. It was very informative. Our next meeting is May 26. The speaker of the evening will be Don Murray, of the South Florida D.X. Association. His topic will be: D.X. for fun and frustration. June meeting will feature Evelyn Gauzens on ARRL.

Our club picnic will be at Ingalls Park on May 15. We all hope for some more of our magnificent weather and if the day is too inclement, it will be held on the following Sunday.

The club's new repeater is ready for installation and should be working by the time this Skip issue has been delivered. Steve, WD4FDW, showed it off at the April meeting. Look also for the new members' roster soon.

Field Day is fast approaching, the last weekend of June, and all members are urged to get your fingers and ears primed for hours of fun and comarderie.

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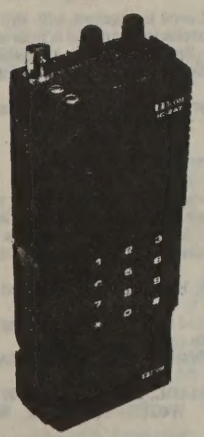

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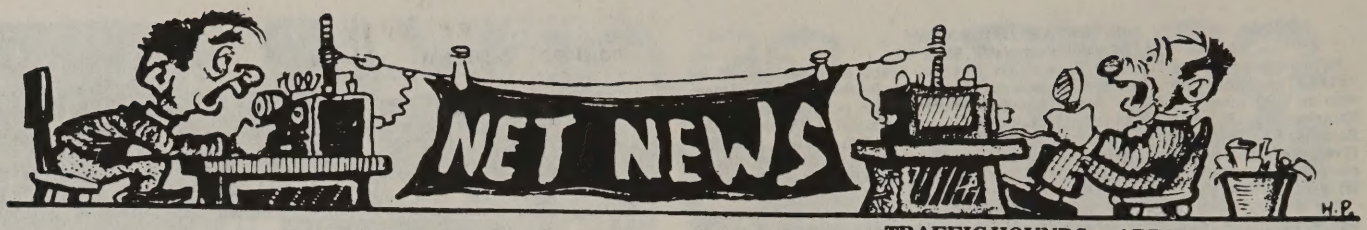

THE GATOR NET
By Walt, KF4U

There were seven mornings during April when skip conditions made normal communication in Florida at 0830 impossible. Traffic was passed with the help of WF4X in FWB and WA4JDH in Elba, Ala., who are heard in Central and Southern Florida when we have these conditions. Sometimes W4IYT in Miami covers most of the state when there is long skip. One solution is to move the entire net to 3651 but we lose some stations when this is done. A better solution seems to be for the NCS or acting NCS to have stations exchanging traffic QSY to 3651 and then return to 7090, the NCS remaining on that frequency.

During April 46 different stations checked into GATOR Net one or more times. The average QNI was 15.9 per session which I think is excellent. Several new stations checked in and we hope to hear more from them. Your mgr., KF4U, will be away two weeks during May and Hal, W3IDO, will take net reports. George, K4JI. will take charge on the air.

KB9LT, K4TH and KF4U made the 100% club during April. Those checking in 25 or more times included W3CUL, W4DVO, WA4EYU, W3IDO, K4JI, W4KLY, KY4U and WF4X. We checked in K4SJH 24 times but suspect Ham was in there more often but did not get thru to the NCS.

A good summer to all. 73 & ARF!

FLORIDA MIDDAY TRAFFIC NET
By Al Suhr, WB4AID

Our ranks are being reduced by the summer vacation of many members. They will return at various times between now and fall. In the meantime, FMTN must continue supplying NTS Reps and NCS's from its roll of active members. The Reps aspirant to D4RN should contact Clyde Lee, N4PL, FMTN Asst. MGR in Charge of D4RN Reps, the FMTN MGR WB4AID or the Senior Asst. FMTN MGR, Billy Williams, N4UF. NCS aspirants should contact WB4AID or N4UF. Incidentally N4UF also operates WA4STZ which is the Club station at Florida Junior College where Billy is a Professor and station trustee.

FMTN Section Net Certificates were authorized for Rupert, N4CIJ, of the Northern Florida Section and Herb, W4YCL, of the Southern Florida Section. We appreciate their regular support of FMTN.

Recent up-grades include two new Extra Class Licensees: KE4DA, Lynn of Wauchula and KF4EO, Ron of Oakland Park, whose new call is WO4L. Lynn did not desire to change his call and remains KE4DA. The examinations were taken in Orlando during the FCC Examining sessions as arranged by the ORLANDO ARC Committees. Congratulations to the new EXTRA CLASSers. And thanks to the FCC and Orlando people for making such facilities available to the Amateur Radio Community.

New members to FMTN include: WD4EQB, Neal of Lake Panasoffkee; KA4MCM, Richard of Brooksville; KF4QK, Barry of Ocala. Welcome to FMTN.

FMTN warm-up begins at about 11 a.m. local EASTERN TIME. We are very informal until 12 noon local EASTERN TIME. Up to about 11:45 p.m. we can accommodate a wide range of INFORMAL services, we also have a lot of good fellowship during this period. At 11:45 p.m. we begin to solicit traffic from NTS REPS ONLY in order to clear their hook and be ready to serve you at 12 noon.

See you on 7247 KHz + or - QRM at 12 noon local time (1600Z).

FMSN
By L.S. Denning, W4ESH

FMSN has started meeting on 7090 KHz. This change took place on Monday, May 9. Propagation had started to drop off with the change in GMT time to conform to the change in local time to Daylight time.

FMSN had a QNI total of 465, 92 QTC and 650.5 minutes QND. 30 sessions were held this month resulting in average QNI of 15.5, QTC of 3.1, and QND of 21.6. Members reporting in for 20 sessions or better include KA4AMC, AA4BN, K4EBE, W4ESH, AA4FG, WD4FNX, KA4NXF, K4TH, N2WX, and WB4WYG. Our thanks to these staunch supporters in helping this net to grow in effectiveness and training.

See you all on FMSN on 7090 at 2130 local time and please bring traffic!

FLORIDA PHONE TRAFFIC NET
By Bill, WB4WYG

Yes, Sir — your regular scribe for this column is back in good old U.S.A. after an extended cruise in the Bahamas and Out Islands. He said it would not be too hard to take that kind of life as a regular thing. Nuff said — however; we are so glad to welcome home our own "E.T." of Venice.

Again this month there were over a 1,000 check ins. The 1,000 station to check in was "Hi" - W4IAD of Tampa town. So this month he wins the "Golden Cookie" award. Wonder who will be the winner next month? As with most traffic nets, things have been a little slow, but for a change after the previous rush it give a little breathing time, so we can socialize a little more. A question came up on the net regarding official bulletins and what place to put them into the net. A vote was taken and they still go at the top of the net; however, we have asked the O.B. stations to summarize the more lengthy ones, but still keeping news of current events. The O.B. stations spend much time getting these for us and we want them to feel it is greatly appreciated and that their efforts are well placed for our benefit.

Twenty-four stations were in the top 20% this month or 49% of roster checking in 80% or better. Congrats to these and many thanks for your interest in FPTN. Here they are:

100% — W4BCZ, W4BKC, K4BLM, W4DDW, WA4EIC, WB4EXA, W4FOE, W4IAD, KD4KK, K4SJA.

95% — WB4ADL, WD4EQB, WA4EYU, WB4FJY, WD4FNX, W4GUJ, WA4QXT, WB4TZR, WB4WYG.

90% — KA4TTS.

85% — K4EJW, W4SME, WB4SOU.

80% — WD4AWN.

And that is an enviable record.

WD4DAH, Glen of Live Oak is moving to GA. and "Doc" the Mayor of Micco, W4SME, is making the trek to Maine. Good Luck and safe travelling. Will be listening for you all when you return.

Come on in at 7 A.M. and listen and take part in some of the discussions where world problems and others are at least partially settled on 3940 with the Friendly Phone Traffic Net.

TRAFFIC HOUNDS — APRIL
By K4ZK

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	1194	39.8	719	24.0	30	WB4AID
QFN	1082	18.0	707	11.8	60	WD4AWN
GN	478	15.9	305	10.2	30	KF4U
TPTN	805	26.8	280	9.3	30	KF4HA
FPTN	1083	36.1	250	8.3	30	WB4WYG
FAST	671	11.2	219	3.7	60	WD4HHH
SEFTN	368	12.3	218	7.3	30	W4NFK
SWFTN	1078	41.5	156	6.0	26	WK4F
SVTN	558	18.6	149	5.0	30	KB4LB
NFPN	1170	39.0	143	4.8	30	KF4GZ
IATN	390	13.0	102	3.4	30	W4PPC
FMSN	465	15.5	92	3.1	30	W4ESH
QFNS	193	6.4	61	2.0	30	WA4QXT
FPON	580	19.3	60	2.0	30	WB4GCK
PEN	115	7.6	41	2.7	15	W4GPL
SPARC	936	31.2	38	1.3	30	K5IHH
VEN	393	13.1	37	1.2	30	W4LDY
DEN	104	26.0	11	2.8	4	KA4GUS
MCEN	155	31.0	10	2.0	5	WD4RIQ
PBTN	437	20.8	7	.3	21	N4FZH
PRVAN	36	9.0	4	1.0	4	K4VSN
LCEN	117	29.3	4	1.0	4	WB2OUK
ENMC	41	10.2	2	.5	4	K4ZK
BEN	126	31.5	1	.3	4	K7LCA

TOP TWENTY TRAFFICERS
By WA4PFK & N4UF

1.	W3CUL	3077	11.	K4IA	221
2.	W3VR	895	12.	WD4IIO	184
3.	WF4X	682	13.	WA4EYU	172
4.	WA4PFK	484	14.	K4EUK	170
5.	WA4QXT	395	15.	WB4AID	169
6.	K4ZK	360	16.	KE4O	167
7.	WD4COL	337	17.	W4NFK	159
8.	WA4EIC	322	18.	WD4AWN	149
9.	WB4ADL	252	19.	WD4HBP	142
10.	K4SCL	250	20.	W4YCL	138

QFN
By Janet F. Jones, WD4AWN

QFN Totals for April were: QNI: 1082, QTC: 707, QND: 1347. High QNIs were: W4DL, K4TH, WF4Y and WA4PFK.

Vacation time is almost here. George, W1NJM has retreated up North for the summer and I will be leaving for S.C. on June 19th, so I won't be here to finish up my term as Net Manager. Thus, it will be most appreciated for all NCS reports to be in as soon as possible after they QNG in June.

Good to hear Bill, KM4N, in Tallahassee back on. I used to ragchew with Bill and his XYL, Melba about five years ago when I lived in the Carolinas. If anyone is interested in a net control spot on a regular basis, please let me know. Saturday night is available now. I feel it's time for some new blood in this spot so I'd like to give it over to an interested party.

Not much else to report at this time as things are slowing down. Remember, make QFN a part of your day. CW — it's still A-1. 88. JAN

TROPICAL PHONE TRAFFIC NET
By Karm McCabe, KF4HA

By this time you should all be thinking of who you would like to nominate for your new net manager. The term is July 1 to June 30. The nominee should be from South Florida this year so nominate accordingly. Nominations will open Saturday, June 4 and the Election will be either June 18 or 25. Announcements of this nature will be made several times prior to opening nominations.

Added to the roster since last month were K4FQM, Harry of Bradenton and KD4QZ Buddy of Orlando.

Anyone who hasn't received a TPTN net certificate and may be eligible, having checked in at least ten times for three consecutive months, get in contact with me.

NCS in April were: WB4CDQ 4, AA4FG 4, N4GDT 4, W4IRA 4, N4AXN 3, KF4HA 3, NZ4O 3, W4SME 3, KF4GZ 2.

High Checkins were: WD4MLQ 29, WD4HBP 28, WB4ADL, N4GDT, KD4KK 27, W4BCZ 26, KA4KWW, KA4NXF 24, AA4FG 23, WA4QXT, W4GUJ, KF4HA 22, WB4CDQ, WD4EQB, K4EUK, KA4GUS, WB4HVE 20.

TPTN meets every day on 7273 KHz at 2100Z. Everyone welcome!

METROPOLITAN REPEATER ASSOCIATION, INC.
By Pete Marini, KA4LKL

The Association held its meeting on April 28, 1983. Allan Marcot, WB4BFG, presided.

The guest speaker for the evening was George A. Sperber, K4IQZ, a former Safety Director with the Cleveland Police Department. George is retired after spending 40 years in the Law Enforcement field and plans to continue in the security aspects of law enforcement. He spoke of his experiences in Electronic Surveillance which was his predominant interest during his tenure with law enforcement. George had with him some of the equipment used in surveillance and he spoke on the effectiveness of each. He showed us the "spike" microphone which is pressed into a wall so that conversations in an adjoining room can be monitored. He mentioned the "parabolic" antenna as another piece of equipment which is very effective in picking up conversations at a distance.

In addition to all this, George worked as a Security Director for the American Baseball League and the National Football League. His work involved special investigations into organized crime that may have filtered into the programs. At no time during this period, was George ever instrumental in arresting or lifting the license of a ham operator. He had occasion to work with the FCC.

The presentation was very interesting and was well received by the members in attendance.

"Metro" has a new Extra Class Licensee . . . Ruth Ryan, N4HZY. Ruth acquired her license after taking exams on a 1-2-3 basis. On passing her General exam she immediately took the Advance Class exam and pased. The next day while the "TP" was still next to her call letters she took the Extra Class exam and passed. Congratulations Ruth . . . well done.

BROWARD AMATEUR RADIO CLUB
By Betts Barry, WA4MJI

On Friday, Apr. 8th, the club was fortunate to have Bob McKinney, engineer in charge, and Dave Ross, W6RXS of the FCC to give the program. We liked them so much that we returned the visit the following day to tour the monitoring station on State Rd. 84.

The Free Flea, courtesy of Sy Harris, W4MAQ, occurred on the same day, and the attendance at both activities benefitted. For a change, Sy chose a sunny day, which also helped.

The Bunny Hunt, conducted by our intrepid wabbit, Bob Anz, N4GDV, took place Apr. 15th. Jim Burris, WB4KYW, took first place and Jim Lorah, WB4KOB, came in second Next Bunny HUnt will be Friday, May 20th.

Friday, May 13th, will be the next general meeting, followed on Sunday, May 15th, by the joint picnic of the Fellowship and Broward Clubs at Ingalls Park in Hallandale.

SARASOTA AMATEUR RADIO ASSOCIATION
By Jim Cook, WB4BZL

Our meeting of April 19th welcomed several visitors and then we settled down to listen to Mr. Frank Rutter of Brooksville, FL who gave a sensational demonstration and talk on antennas. He used a variety of mini antennas that he made and we all learned a lot. Thanks, Frank, it was just great!

An announcement was made by the Board of Directors that it had been decided to go ahead and seriously consider the putting up a repeater after a complete study had been done. This information would be presented to the entire membership for approval. This 2 meter venture will be a first for our club and, as many of us have said before — there is a definite need for additional communications locally.

Field Day was discussed in detail and plans are really taking shape. A picnic and BarBQue will be held at the same time for all.

QCWA STATE NEWS
Edited by Eli Nannis, K4JMH

The Board of Directors came up with a new and much better system of issuing golden certificates. Multiple golden certificates will no longer be issued. Only one properly designed certificate to permit endorsements at five-year intervals and the endorsements will be issued automatically. No longer will you have to file an application for a golden certificate. HQ computer will do the job. The 50 year Continuously licensed golden certificate will be terminated due to the difficulty of checking them out. The present certificate will be continued until supplies are depleted or until August 1, 1983 as the case may be. This system will save a great deal of money as each one costs $5. The Yankee chapter will host the 1984 national convention. The Board elected Jean Wolff, LX1JW to the QCWA Hall of Fame for the year 1982. The Board also determined that no chapter will affiliate with another organization. The attendance on the state QCWA net on Sundays at 12:30 P.M. on 7252 KHz is doing quite well. How about taking a few minutes and check in. A spotlight from a member is given each week on the net at 1:00 P.M. Bill Waldo, W4PI is net manager.

GATEWAY CHAPTER: Our regular meeting was held on April 16 at Uncle John's Pancake House with 12 members and 6 guests present. All our officers were present for the first time since our December meeting. President Dick, WB1ELI, is recovering nicely from his surgery. Charlie, W4HMO, came in using a walker and wearing a surgical vest. Griff, W4HZ, made the presentation of some old 1930 radio and electrical books to W4HMO as he has to spend much time in bed and that will give him a chance to learn something about radio. Our net is on every Saturday at 11:00 A.M. on 7230 KHz and every one is invited to join us.

—Reported by Ed Nelson, W0MKP.

GATOR CHAPTER: The weather was miserable with rain and wind at our April 2nd meeting but 67 brave souls showed up. The visitors were VE3RH, WB4TLH, W4EPZ and W1THT. Harry, W4DLL, advised that his XYL will have her license soon. In regards to the no-code exam, our chapter voted against it. Our Board had a meeting with the Pelican chapter to discuss the QCWA activities at the Florida State ARRL convention to be held at the Sheraton Sand Key Resort on Nov. 26, 27, 1983. Two new members were introduced to the members. They wre Roger Harned, W9ZSW, and John Bricker, W4EPZ. Roger, W1PP has suffered a stroke and we were advised that Tom Matthews, K4IJC's XYL died the morning of our meeting. Dave, W4GQ, has a case of the shingles. The program of the meeting was a slide show of the old seaport of Mystic, Ct. presented by K4JMH.

SPACEPORT CHAPTER: The regular meeting of our chapter was held at Gatsby's Restaurant at Cocoa Beach. It was nice to see Allen, K4ILX, looking so well after his

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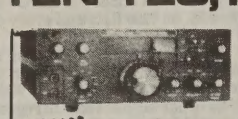

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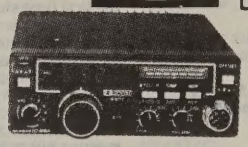

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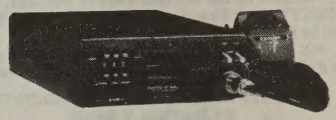

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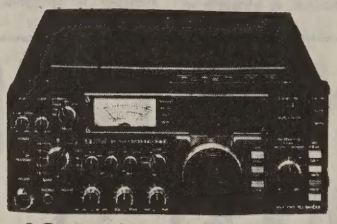

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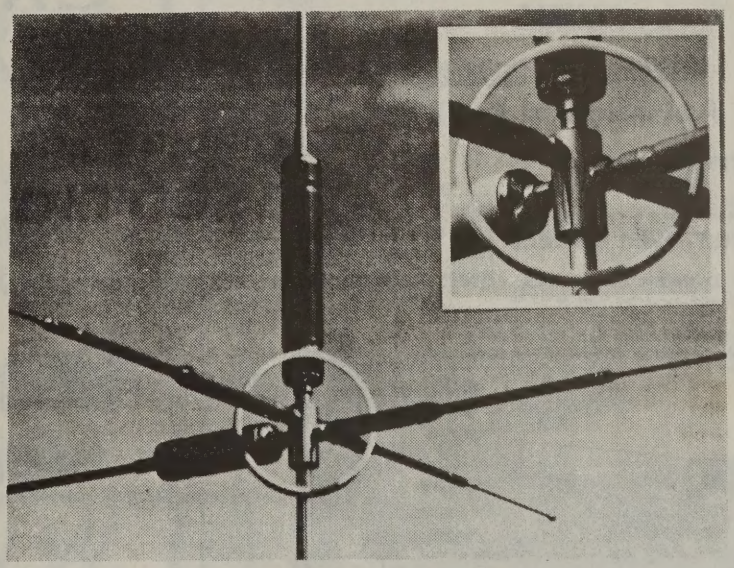

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lengthy stay at the hospital. During the meeting, the 747 with the Space shuttle on its back flew directly over us. John, K4JW, gave a talk on the new licensing and codeless exams and other rulemaking in the works. Dick, W4OZC, gave a rundown on the Orlando Hamcation. Arrangements are being made for our chapter to run the State QCWA net next month with the Citrus chapter. Gatsby's Restaurant will be our regular meeting place from now on and an ad will be placed in "Florida Skip" of that fact. A sign will also be placed outside the restaurant on the day that we meet there. Don, N4IN, reported that about 500 members entered the QCWA CW and Phone contests and Vic Clark, W4KFC, won the CW contest and the phone winner was John Zwaska, W4WKQ. Jim Farrior, W4FOK, gave us a talk on his experiences with an archaeological expedition to Beliz, South America. Forty-three members and guests were present at the meeting.

—Reported by Charlie Bunce, K4KCN.

EVERGLADES CHAPTER: Our chapter meeting was held on March 19 at the Sweden House in Ft. Lauderdale. There were 53 members and guests present. Our Secretary, Don Hunnicut, is leaving for California and Gerry Martin will finish his term. Dave Talley spoke on the proposed no-code license which appears to be headed for acceptance. He asked all our members to write to the FCC giving their views in opposition to this proposal. It was also suggested to write to our congressman. Don Sayres spoke about the use of CW procedures by traffic nets. Doug Dickinson, the Technical Director of the Palm Beach County "Medical Alert System" gave a demonstration of the advanced Life Support system by the Paramedics for communication of both voice and telemetry between the vehicles and the doctors in the emergency hospitals. He demonstrated some of these units. His lecture was most enjoyable.

—Reported by Gerald Martin, K4DI.

(Please give call letters of the persons mentioned in your reports in the future. Editor.)

SUWANNEE CHAPTER: On April 23rd, our chapter held its bi-monthly meeting at the Holiday Inn in Silver Springs, Fl. Despite heavy thundershowers and tornado warnings, some 40 members and guests were present to enjoy the excellent luncheon buffet and program. President Earl, NF4O, conducted the meeting and he named George, W4UKA, to arrange for the program for the June meeting and requested that Rollo, W4ANN, prepare a travelogue of his recent trip abroad at the August meeting. Ray, W1RFE, will arrange a program for the October meeting. Mr. Ron Oates, the manager of E.F. Hutton of Ocala presented the program which was a dynamic and interesting summary of the investment opportunities available in the improving economic marketplace. The next meeting is on June 25th at the same location.

—Reported by Ray Chartier, W1RFE.

PELICAN CHAPTER: Forty-four members and guests attended the chapter meeting at the Sea Ketch Restaurant on April 20th. The visitors were W2UWD and his XYL. The awards were won by Gill, W8HEZ; Jack, W4PLW; and Ray, K4OC. Treasurer Phil, WA4ZVO, gave us an excellent lecture entitled "Nostalgia". It brought back fond memories of the good old days. Wes, W4COW, our national treasurer, gave a report in depth on the national Board meeting held on April 7 - 9 at HQ. Our chapter net continues to meet every Saturday at 10 A.M. on 3930 KHz. The next meeting will be at the same place on May 18th. Everyone is invited to join us.

—Reported by Art Monsees, W4BK.

SOUTHEAST CHAPTER: The April meeting was held at the Chateau Bleu Restaurant on April 16th with 35 members and guests present. We Welcomed two new members, Ralph Cash, W4DOX and Tom Jones, KB4OI. It was good to see Rudy, W4ROY, back again. Andy, W4IYT, showed us his first receiver, a crystal set purchased in 1938 for $1.00 in the mail. Andy was 15 years old. He also purchased his first mike for $3.95 which was used for talking on the radio. It was reported that 40 hams contributed 300-plus hours at the Dade County Youth Fair. There were 161 ham visitors and 235 messages were sent. Evelyn, W4WYR, spoke on the voluntary exam proposal and there was discussion about how, who, etc., would be responsible for such an awesome task. We suggest you make the next meeting and keep up with the latest information and, of course, jokes.

—Reported by A.M. Splatter.

Arthur H. Fulmer K4KCR (L) receiving a 50-year Golden Certificate from Frank Shorkley KA4UIR, 1983 President of the Caloosa Chapter, QCWA. (Photo W4OUU.)

FLORALA CHAPTER: The newly elected officers for the Florala chapter QCWA are John Lakin, W4MMQ, President; John Zwaska, W4WKQ, Secretary; Frank Butler, W4RH, Vice President, and John Zwaska, W4WKQ, Secy./Treas. Our chapter has grown to nearly 50 members. The annual meeting is held during the Fort Walton Swapfest and monthly meetings are held at noon on the 2nd Saturday at the Western Steer Steakhouse, Mary Esther, Fl. The net is on Mondays at 7:30 P.M., Central, on 28/88 and 8 P.M. on 3950 KHz.

—Reported by John Zwaska, W4WKQ.

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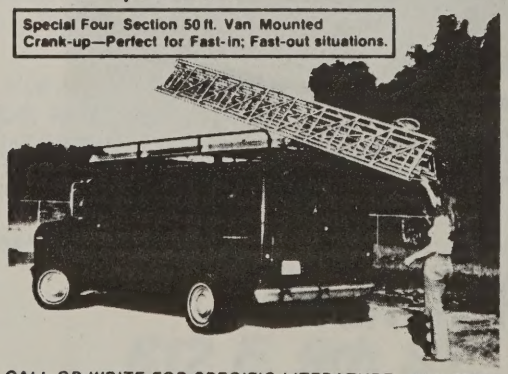

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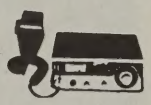

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Activity reports have been nil this month and I have not had time to generate an editorial either, so my comments for June will be a bit abbreviated.

Please remember the ARRL VHF Contest to be held on 11 and 12 June; details on it are in May "QST". Note particularly some rule changes for this year. The SMIRK 6 meter contest will be held the following weekend: 18 and 19 June. Also of interest during the month of June is Field Day held on 25 and 26 June; many portable stations are out and Technician class licensees in particular often look for 6 meter QSOs. Remember that June is a high probability month for E Skip on 6 meters and also on occasion on 2 meters also. If the distance of 6m Es QSOs shortens up to about 350 or 400 miles be on the lookout for 2mEs out to about 1500 miles at the same time. Several DX stations will be on 6m for the ARRL contest including FP0, 6Y5, HR2, etc. My plans are not definite because of my Reserve annual active duty, but I may sneak back down to Cayman (ZF2EW) again for one weekend.

The following is modified from a quiz given at the 1982 Eastern VHF/UHF Conference held at Boxboro, MA. See how well you can do with this. (Hopefully the editor will hide the answers on another page of "Skip".)

1. 6 meters: ___ ._____ to ___._____ Mhz. The SSB calling freq. is _____.
2. 2 meters: _____ to _____ Mhz. The SSB calling freq. is _____.
3. 1¼ meters: _____ to _____ Mhz. The SSB calling freq. is _____.
4. 70 cm: _____ to _____ Mhz. The SSB calling freq. is _____.
5. 23 cm: _____ to _____ Mhz. The SSB calling freq. is _____.
6. The two exclusive VHF CW bands are: ____ to____ and ____ to _____.
7. Who was the first person (call sign) to make EME QSOs on 4VHF/UHF bands? _____
8. Name the 4 bands: _____, _____, _____, _____.
9. Who popularized the parallel stripline 70 cm KW amplifier? _____.
   Who sells it commercially now? _____
10. Who explained the NBS yagi design method in cookbook form? _____
11. Name the sections in the W4 call area. (hint 9) _____.
12. Name the sections in the first call area. (hint 7) _____.
13. The lowest EME QSO was on _____ Mhz and the highest on _____ Mhz.
14. Typical meteor scatter QSOs rearely occur beyond _____ miles.
15. 12,500 mile EME QSOs are possible. (T) or (F) _____.
16. What FL station has been heard on 2 meters in So. America? _____.

Sorry..short of space..Answers next month. Editor

2 METER DX

PERMISSION TO OPERATE A TWO METER STATION FROM SPACE has been given for this fall. General James Abramson, Assistant Administrator of N.A.S.A., has signed the authorization which will permit Dr. Owen Garriott, W5LFL, to operate a 2 meter FM Amateur Radio station during the STS-9/Spacelab mission. The General approved a plan submitted jointly by the A.R.R.L. and AMSAT with only one slight technical reservation: that the equipment used for the Amateur operation not interfere with any other system on board Spacelab or the Columbia orbiter.

The League has already promised to supply the necessary gear which it describes as "a black box transceiver." Plans call for Dr. Garriott to operate for about 1 hour a day during his leisure time periods. All operations will be simplex in the lower 2HMz of the band, but away from repeater subbands and satellite / weak-signal work frequencies. One reason for keeping W5LFL's operation below 146 MHz is that, except for Region Two, most of the world's Amateurs are only authorized the lower two Megahertz. Since this has been dubbed an "A.R.R.L.-sponsored worldwide good will mission," the choice of frequencies that will give Amateurs in other countries a chance to work Dr. Garriott is very important. The League is working closely with AMSAT to develop the needed operating protocol which will permit as many Hams as possible to work this first DXpedition into space without the problems that so often plague similar operations on the ground.

Much discipline on the part of ground-based operators will be necessary if Dr. Garriott is to be able to contact a large number of stations from Spacelab. QRM and "20 meter-type pileups" should be avoided if at all possible. As this is written, only a delay in the scheduled September 30th launch of STS-9 or a technical problem with the equipment might sidetrack or delay the Amateur operation.

It appears that all other hurdles have been cleared away through the joint efforts of League President W4KFC, General Manager K1ZZ, Satellite Coordinator W9KDR, Bill Tynan-W3XO of AMSAT, Dick Fenner-W5AVI of the Space Center A.R.C., Roy Neal-K6DUE of N.B.C. News and the administration at N.A.S.A. The historic operation will be documented as a key part of the upcoming ARRL videotape presentation "Amateur Radio's New Frontier" to be produced and hosted by K6DUE.

(The Westlink Report 4/22/83)

TELECONFERENCE NET

By Tom Kneisel, K4GFG

The next Honeywell ARC Teleconference Radio Net will be carried live in South Florida by the Motorola ARC Repeater WA4LZR/R at 8:30 p.m., June 2 on 146.19/79.

The speaker will be Joe Reisert, W1JR, a well known VHFer in the areas of antennas and EME.

The last Teleconference Net was heard by 60,000 amateurs across the country, with the Ft. Lauderdale repeater being tuned in by stations from Orlando to Key West. In order to determine the extent of the listening audience on June 2, stations will be invited to check in either before or after the speech.

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ARMY MARS
WAYNE GREEN CRIED "OUCH!"
By Dick, AAR4PP

Wayne Green just wrote us an indignant letter about the February Army MARS column. I'll try to summarize it for you while responding to it.

First, if you remember, this column chided Wayne for failing to print a report we'd sent to him for his letters column in 73 magazine. That report had been of an Army MARS evaluation of CW; it said that CW was consistently getting messages through when sideband and RTTY were not. And we had suggested that this report be printed in 73's letters column, so that readers might be shown both sides of the pro-anti-CW question.

Wayne's letter defends his failure by passing responsibility to a "staffer" who "judged" the material to be "without merit." (Evidently, these "staffers" are trained to judge factual reports by "merit" instead of accuracy.) Therefore, Wayne explains, he never got to read the letter and couldn't answer it.

Answer it? Who asked Wayne to answer anything? My letter to 73 hadn't requested an answer. Nor had this column complained of any lack of an answer. We had ridiculed him for failing to **PRINT** the material, for hiding from his readers a report that might invalidate his own anti-CW polemics.

And now you know why Wayne Green keeps forever complaining that people misquote him: he doesn't know what he's reading! If you debate with him, you'll find yourself repeating, "That's not what I said, Wayne." Well . . . what I said, Wayne was, "Evidently (Wayne) only has the courage to give exposure to two kinds of letters: (1) those which agree with him or (2) those which disagree so foolishly that they make him seem reasonable by contrast." That's "give exposure to," Wayne, not, "answer," and I still stand behind that statement.

Since Wayne's letter to us covers more than two single-spaced pages, we can't fit it in here. It just runs on and on, responding to things that nobody said and calling them smears, prattling about what a busy executive he is, listing his travel itinerary and programs for new magazines, and accusing those who oppose him of being "fuddy-duddies." If you've read any of his public-matryr defensive stuff in 73, you know the whole routine — there's nothing new here.

What's to be learned from Wayne's behavior? Perhaps this: Ham radio is supposed to be fun. The moment a Ham gets his ego soldered into his equipment, he becomes a detriment to the hobby, a source of annoyance. Well . . . if that described Wayne Green, what would you say about all those vocal, resentful Hams who are forever taking Wayne Green seriously?

OPERATING CUSTOMS AND PROTOCOLS FOR TRAFFIC NETS
By Phil O'Dwyer, WF4X, STM North Florida

Last month we covered the "QNY" procedure to show how a receiving station is sent off of the net frequency and he selects the new frequency and then calls the transmitting station. He must find a fairly clear one so don't expect him to be exactly where the NCS sent him! After the traffic is passed, both stations return to the net frequency and send their calls (or call suffixes) and the NCS acknowledges by repeating your transmissions. If there was a problem, let the NCS know so he can take further action.

On SSB it is not uncommon for the "QNY" procedure to be reversed when one of the stations suggests that the station with the "biggest" signal select the frequency and do the calling: However, don't forget to make sure that the frequency is satisfactory for the receiving station.

In some cases, the NCS may elect to reverse the procedure by sending "QNV" to the transmitting station who then calls the receiving station on net frequency and, after contact is established, moved him off and passes the traffic. Alternatively, the NCS may decide to pass the traffic on net frequency, by sending "QNK" to the transmitting station who should proceed to pass the traffic after getting a "QRV" from the receiving station.

Next month we will cover some of the "ins and outs" and idiosyncracies of the Regional Traffic Nets. 73 de WF4X

ANNUAL CONVENTION
THE NAVY AMATEUR RADIO CLUB
By Larry Pierce, W4PGD

The Navy Amateur Radio Club held its Annual Convention at the Lake Motor Inn in Titusville, Fla. on 4, 5, 6, March 1983. 48 members and wives attended the meeting. A very nice welcome speech was given by his Honor the Mayor of Titusville. Followed by a presentation given by Mr. Steve Dutzzak, a NASA representative, on the future efforts scheduled for the Space Shuttle.

The Memorial Service was held by Lowry Penrod for W4DMD, K4ZDS, WA4TLL, who became Silent Keys during 1982-83. W4DMD's XYL, Jean was in attendance.

The following officers were elected for year 1983-84. W6ML, Warren Leard, Commander, N4DUY, Frank Sims, Vice Commander, Larry Pierce, W4PGD as Sec'y./Treas. After a wonderful Happy Hour it was decided to hold the 1984 Convention at the same location due to the excellent cooperation by the staff of the Lake Motor Inn and because of its central location to the members.

The Navy Club welcomes any amateur radioman to check in for information or service or any help that they may be able to provide. The Navy Club meets Monday thru Friday at 0900 EST on 7260 Mhz.

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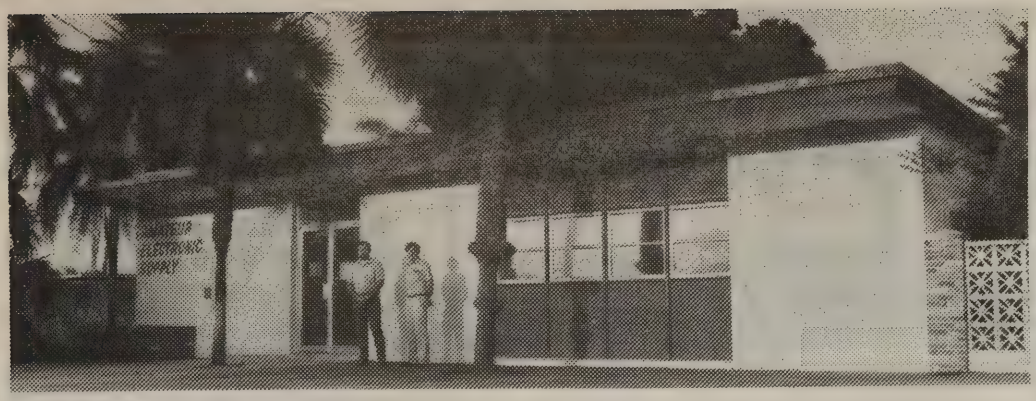

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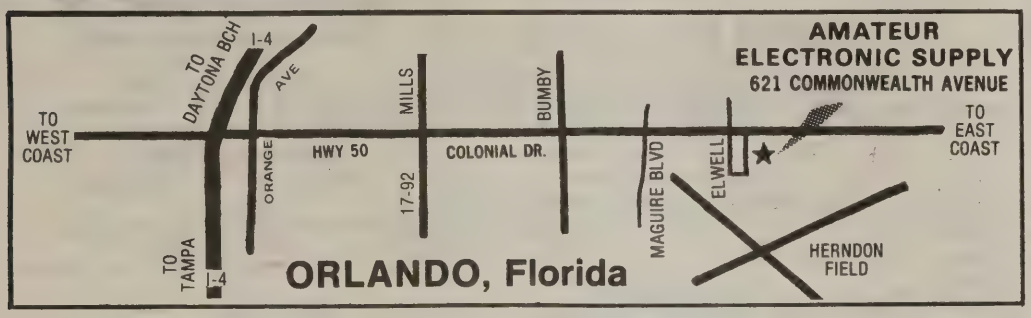

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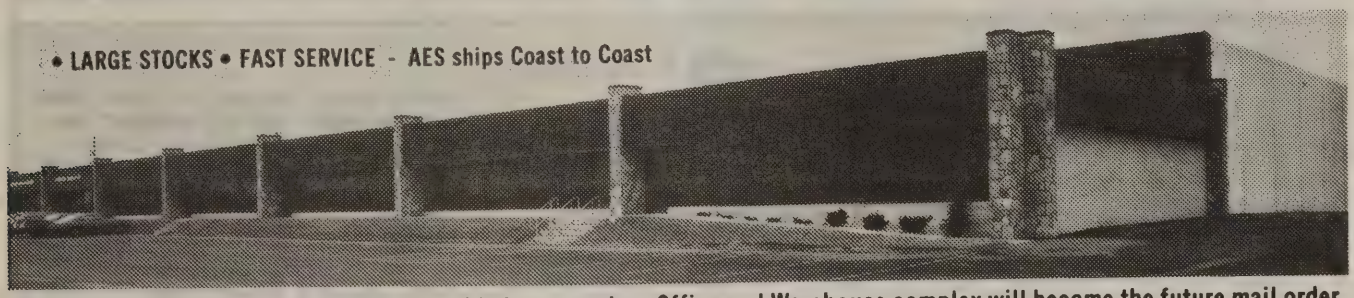

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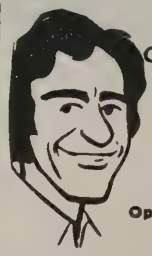

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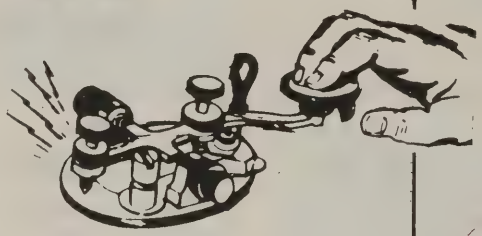

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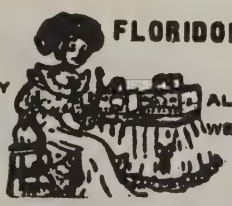

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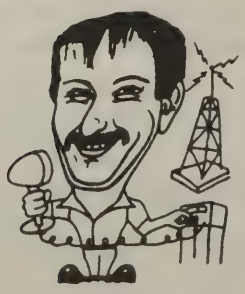

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FOR SALE: Heath HW-101 HF transceiver with HP-23B power supply, HM-102 power-SWR meter and manual, must sell $175.00. Bud Miller KA4AIK, 902 Nightingale, Miami Springs, FL 33166 305 887-7655.

SOME PEOPLE ARE SO AFRAID TO DIE THAT THEY NEVER START TO LIVE. . . . W2CRW. . . . . .

FOR SALE: ICOM IC-255A with touchtone mike $225. ICOM-2AT with extra BP3, AEA Mic, IC-DM-1-12 VDC adapter $250. ICOM IC-215 full of xtals $100. Gonset GSB-201 HF amp. with 4 - 572Bs $250. Assorted QSTs 1969-1975 - cover price. Call Bill KC4KM or Bev KC4KL, 1150 S. Fed. Hwy, Hobe Sound, FL 33455 305 286-5248 evenings or 305 546-5222 days.

FOR SALE: Heath SB303 with c.w. filter $140. Yaseu FT-625RD 6 meter, all mode $340. Star ST-700 c.w./SSB TX $70. Heath HD-141- Keyer $45. 30 ft. Rohn 25G tower with HD-73 rotor $130. Cushcraft 5 El. 6M beam $45. Hamtronics 2 Mtr to 6 Mtr converter $20. All in good to excellent condition. Jerry WD4KPW, 1703 Balmoral Dr., Clearwater, FL 33516 813 - 461-3553 nights and weekends.

FOR SALE: WILSON 5 element 20 meter MONO beam Yagi; ROHN 25G 40 Ft. tower with other tower accessories. All $200. Mark Pistiner WA4 ZJZ 4206 Arthur St., Hollywood, FL 33021 305 989-7629.

SELL: YAESU pkg spotless FT101ZD, FV101Z, CW filter, fan, DC chopper, manuals, ship FOB. Orig. cartons $595. Yaesu FT-202R TT pad, six channel desk charger $100. Kenwood 2M 7625 $195. Art Ford W2HAE, 552 Hillside Ct., Melbourne, FL 32935 305 254-0361.

FOR SALE OR TRADE - for Kenwood TS-520S, a drake TR-4 with AC-4 PS $275. for TS alone or in trade plus cash for Kenwood. Make me an offer I cant refuse. Reed Horoatck WA2MZT, 1475 Magnolta Ave., Winter Park, FL 32788 305 644-2061.

TEN TEC OMNI D SERIES B, SSB FILTER 252 MO/E P.S. $ $585. DRAKE TR4, AC4, MS4 $225. REALISTIC DX-160, SPKR $85. ALLIANCE HD-73 ROTOR & EXTRA CABLE $75. KLM Echo II $60. WATERS PHONE PATCH $65. DENTRON AF-1A $60. CHARLIE FOWKES WB4BOM, 4903 - 29th Ave. W. Bradenton, FL 813 792-4049.

FOR SALE: Mint condition TEN TEC model 444 Hercules linear amplifier $875, cost new $1895. Need antenna tuner or low SWR. L. H. Gregory W4VWW, 111 Coleman Ct., Greenville, SC 29609 803 232-5206.

MICROLOG ATR 6800 with 9" B&W monitor, my demo. New 1 year warranty. List price $2,495.00. I will pay UPS anywhere in Florida for $1,895.00. (less than lost) Al Mitchell WA4HLP 6419 Terry Parker Dr. So., Jacksonville, FL 32211 904 744-9219.

FOR SALE: 1980 USA and DX CALLBOOKS $8. each. Dentron BIG DUMMY 1kW 52 ohm load $12. Kenwood SP-520 speaker $19. Archer 8 Ohm dynamic earphones, like new $6.50. Heath 4-antenna coax switch HD-1234 new $12.50. M & M Electronics MSB-1 Audio filter with manual new $50. Archer hi pwr, low-pass 1kW, AM to 30 MHz filter, 60dB min. attenuation above 50 MHz $15. Andy Clark W4IYT, 41 Lenape Dr., Miami Spgs, FL 33166 305 888-3874.

3-400Z tube as new $50. DCO, 10 Schuyler Ave., No. Arlington, NJ 07032 (800) 526-1270 (201) 998-4246.

FOR SALE: Good beginner rig - Drake TR-3 with AC-3 power supply plus RV3 VFO $250. Also 75S3 Collins receiver $225. Harry Conowal WA4OFS, 2007 Peachtreee Blvd., St. Cloud, FL 32769 305 892-5731.

FOR SALE: HT-32 believed to be in good condition. SX-88 which doesn't function beleived due burned out transformer $25. for receiver and $35. for transmitter. You take away. Edwin Worden AA4AS, PO Box 1241, Mount Dora, FL 32757. 904 - 383-3472.

FOR SALE: KENWOOD TR 7850 with KPS 12 d.c. supply also Hustler G6 antenna $300. complete. Also TR-2500 HT with MS1 mobile stand-charger-supply, plus extra PB25 battery, SMC-25 spkr-mic $250. All equipment mint with manuals. Roy R. Davis KD4DZ, 4607 Rose of Tara Way, Orlando, FL 32808 305 299-0072.

FOR SALE: DENTRON antenna tuner model GLT-1000, never used, in original carton $160. Hy-Gain beam TH3-MK2 Thunderbird $75. HRO - W receiver a.c. pack, d.c. pack, 10 coils, excellent condx $300. Harold Blough W9SP, 1357B W. Flowler Dr., Deltona, FL 32725 305 574-6587.

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R T T Y machines model 28ASR $130. Model 33ASR 110 baud ASCII keyboard with RS23Z interface all with manuals good condition. Consider trade for solid state general coverage receiver. Harry Palmer W4VDC, 4009 Peach Dr., Jacksonville, FL 32216 904 641-0846.

SELL: KENWOOD TS120S $395. Haltrunix 600A frequency counter $60. Hal Breede KF4UI, 3707 22nd St. E., New Port Richey, FL 33552 813 376-4488.

FOR SALE: ICOM 255A, 25 watt FM, covers 144-148 MHz, 6 memories, with manual, mic, cable and car mount. Walt Nagy W2WLO, 4421 Mohican Trail, Valrico, FL 33594 813 689-3762.

SALE: KENWOOD 820 with digital. Excellent condition $550. Complete with mike, mobile connector and 3 additional 6146B final tubes never used, and operating manual. Leonard Greene N/4ILN 10207 NW 83 St., Tamarac, FL 33321 305 722-6878.

COMPUTER: TRS-80 model I, level II, 16K with quick printer II, monitor, tape recorder, extensive software including assembly language package, games, utilities and others. Good condition $300. or trade for ICOM 25A or equivalent in good condition. Frank Merceret WB4BBH, 12801 SW 148 St. Road, Miami, FL 33186 305 252-2057.

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TUBES

FOR SALE: YAESU FL-2000B 1200 watt final amplifier in excellent condition $295. Autek research memory CMOS keyer MK-1 excellent condition $60. Rayco trap coils with Gordon HQ-1 balun all band antenna 10 thru 80 meters, 108 ft. long new $25. Realistic DX-150-A all band solid state general coverage receiver AM CW SSB in excellent condition $45. Four 572-B final amp. tubes, used but test good $10. each or $25. for four. All original cartons, cables and manuals & you pick up and try out on operating table. Don Phillips W4PEL (W3LTU) 7807 NW 39th St., Coral Springs, FL 33065 305 752-2990.

FOR SALE: KENWOOD TS520S. excellent condition $400. Mercedes R. Lollis WB4HAJ, 10301 SW 98 St., Miami, FL 33176 305 271-1468.

FOR SALE: DRAKE TR-7 with PS-7 power supply, 500 and 6000 Hz filters and Shure mike. $950. takes all. Heathkit HW-8 $150. All in excellent condition. Radio Shack DX-100, fine for casual and motel listening $50. PHIL HOLBROOK W4PDE, Rt. 1 Box T-2, Ft. Meade, FL 33841 813 285-9119.

SELL: Hy-Gain 204BA beam $75. Ham IV rotator & cables, control box $60. Bill Wright W4NVC, 21902 Lk. Forest Cir., Boca Raton, FL 33433 305 392-4174 Eves 946-3499 days.

PLEASE NOTE: ALL HAMBARS ARE $2.00 MINIMUN, 5 CENTS A WORD OVER FORTY WORDS. SEE RATE CARE INFO FOR MORE DETAILS ON OTHER DISPLAY ADS. THANKS. EDITOR

SELL: KENWOOD TS-120S, fan, PS30, MIC-30S, MFJ-SWR, mint A-1. All $550. Walt Stock W4IIS, 8401 NW 48 St., Lauderhill, FL 33321 305 741-4128.

PLEASE DON'T FORGET: Our HAMBAR deadline is the 8th of each month. This means, your ad MUST be in Box 501 by the 8th. DO NOT CALL editors home with HAMBARS or last minute changes. We WILL NOT accept them! All HAMBARS received after the 8th will be held for the following month. Thanks for your cooperation and consideration ! ! Editor.

FOR SALE: Power supply kits inc. schematic, transformer, filter capacitor and FW bridge -- provides three popular voltages for most projects. Parts were removed from new video terminals and a real buy at only $3.95 a kit. MIKE'S ELECTRONICS, 1041 W. Commercial Blvd., Ft. Lauderdale, FL 33309.

FOR SALE: KENWOOD TS-180S/DFC HF transceiver with manual, works well $525. Kantronics, mini code reader with power supply and cables: RTTY, CW, ASCII $150. Prices negotiable. Bob Evans KA4DKH, 102 Westridge Dr., Tallahassee, FL 32304 904 575-1070 after 12 noon.

FOR SALE: By original owner. All equipment, mint condition. Yaesu FT-101-Foxtrot CW filter, Shure 444 mike, repair manual, original box $575. FV-101 VFO $100. FTV-250 two meter xverter $150. YO-100 monitor scope $100. TA-33 beam $120. Cush 144-11 beam $20. Dick Glavice WD4ATA, 6585 Moret Dr., Jacksonville, FL 32244 904 771-8352.

FOR SALE: Heathkit transceiver HW-100, power supply, desk mike, phone patch installed, also audio pre-amp inst. $250.00. Lib Warren N4HBW, 1103 Cuerno St., Tallahassee, FL 32304 904 575-9972.

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COLLINS 74S-3B W/E in excellent condition $350. Ser. No. 16, 310. New in 1965. EICO 717 keyer with spare tubes $27. Nye lambic key SSK-001, like new $17. New 4D32 tube $30. Bill Blum, N4GHR, PO Box 1125, Lake Worth, FL 33460 305 588-3989.

SELL: MAGNAVOX 12" monitor $50. Gonset G-50 6 meter AM transceiver $50. You ship or pick-up. WANTED: Inexpensive freq. counter - trades? Barry Yoder W8SJO, 4309 3rd Ave. NW, Bradenton, FL 33529 813 747-7838.

SELL: Complete 2 meter station, mint condx. Kenwood TR - 7400A, 12 amp regulated AC supply, Hy-Gain 5/8 wave magnetic mobile whip, heavy duty coaxial base antenna and cables $325.00. Dr. M. J. Bellings W2BIV, 3800 South Ocean Dr., Hollywood, FL 33019 305 458-4146.

FOR SALE: COLLINS 75A4 receiver, serial 4747 amd Collins speaker with audio filter. Clean and in use. Original service manual $285. picked up. BC-221 frequency meter with built-in regulated power supply and calibration manual $35. C. Pandelaky K4JWH, 1529 Bayview Dr., Ft. Lauderdale, FL 33304 305 566-9893.

MOST OF US ARE EITHER TOO THIN TO ENJOY EATING, OR TOO FAT TO ENJOY WALKING. . . W2CRW. . . . .

NATL

SELL: National NCX3 transceiver, mike, powersupply, speaker, good. $150. National HRO 60 receiver, manual, xtal cal. coils, clean $200. Hallicrafters SR-500 Tornado transceiver, speaker, mike, man. power supply, good $175. Heath wattmeter, mint HM-102 $40. Drake 2-C receiver, power supply, man. Q mult. good $125. New Prop pitch motor $75. Will accept trades or reason able offer. Norm - W1TTT, 1543 Kudza Road, West Palm Beach, FL 33406.

MICROLOG ATR 6800 with 9" B&W monitor my demo, new 1 year warrantly. List price 2495.00. I will pay UPS anywhere inf Florida for $1895. Less than cost. Al Mitchell WA4HLP, 6419 Terry Parker Dr. so., Jacksonville, FL 32211 904 744-9219.

ESTATE SALE W4JQ: Heath VTVM IM-11 $12. Dentron Super Tuner with book $69. Yaesu FT-480 base, all modes with manual $300. Dentron W-2 watt mtr/W man. $90. SWAN WM-3000 peak reading watt/SWR mtr. $75. RF Power Labs, Inc., 180 W. 2 mtr amp. with manual and fan $495. Yaesu FT-107M Xcvr all solid state $695. 24-hour tymeter time clock $19. Low speed muffin fan $8. QSTs 1922, various months, write for avbl months. Martin Neiswander 16420 Lock Ness Lane, Miami Lakes, FL 33014 Call after 6 pm only or week-ends 305 558-2858 Also Shure 404C mike with 4-Pin connector $5.

ESTATE SALE: KLM-70 432 MHz solid state amp 30 watts $40. Olson phones $4. Shure Ten-Four PTT mike $5. Eico 5" scope mod. 460 with book, needs work $10. Pilot FM Multiplex stereo tuner $5. Lloyds cassette recorder 115 a.c. or battry $14.00. All plus UPS. Contact A. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 evenings.

NOTICE: How do you like our new type-face on HAMBARS? Apparently not very well, as we received only a few remarks in favor of the new type. Thanks to those who took time to comment. . . . Editor.

WHEN YOU ARE RIGHT, YOU CAN AFFORD TO BE COURTEOUS. WHEN YOU ARE WRONG, YOU'VE GOT TO BE. . . .

FOR SALE: SWAN 500C 16B special VX2 VOX control, extra set new finals, D-104 mike and stand, SWAN 117XC speaker and power supply. This rig is on the air now $425. R. R. Sutter W3SOB, Rt 1 Box 173, Maitland, FL 32751 No collect calls at 305 678-3070.

AUDIO CASSETTES of the historic Honeywell Teleconference Net hosted by Vic Clark, W4KFC, ARRL Pres., $5. each prepaid. Write: Westlink Radio Network, P.O. Box 463, Pasadena, CA 91102.

FOR SALE: Motorola Mocom 70 UHF plus accessories $260.00. Standard SR-C146A 2M plus accessories $129. Motorola Micor UHF plus accessories $500. Telrex 2M-815 2M beam $50. All above plus shipping. Mark Harrison, 3822 9th St. No., St. Petersburg, FL 33703 813 525-2276.

WANTED: Autronic, Vibroplex or similar electronic key paddle. Tom Canard N4HRD, 7120 SW 58th St., Miami, FL 33143 305 665-7795.

SELL ESTATE TEN TEC Hercules 444, used for one year by now silent key. Like new condition. Has just been returned to manufacturer for installation of all newest improvements. Original cost $1900.00 Priced for quick sale at $850. We pay freight. R. W. Moffitt KV4IJ, P.O. Box 1643, St. Croix, VI 00820 call collect 809-778-1536.

NEED SYNTHESIZED 2 meter gear, handheld or mobile and 104As. Highest prices paid. M. Klein WA4GUH, 2477 NE Dixie Hwy, Jensen Beach, FL 33457 305 878-7111.

For SALE: Hy-Gain 4-BTV 40-20-15-10 meter trap vertical, like new condition. $58.00. Prefer pick-up. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874

FOR SALE: DAIWA CNA-2002 2.5 kW automatic antenna tuner $290. CW Sendin' machine $50. Heathkit electric doorbell $15. Heathkit digital barometer ID-1990 $90. Plus UPS. WANTED: FTV-901R transverter, QST before 1930. Mike Raskin K4KUZ, 561 West Tropical Way, Plantation, FL 33317 305 583-4016.

WANTED: Collins 312-B5-round label preferred, reasonable, also crystal pack. Lem Baker W4CXG, Rt. 3 Box 755, Keystone Heights, FL 32656 904 475-1768.

FOR SALE: KENWOOD 7800 25 watt 2 meter transceiver, 14 memories, scan, TTP, like new with factory carton and manual. $225. Bud Norwood WA4QGV, 220 N. Tuttle Ave., Sarasota, FL 33577 813 355-6995 nights, 953-4700 days.

THE REASON SO MANY PEOPLE HAVE SO MUCH OF NOTHING IS BECAUSE THEY EXPECT NOTHING. . . W4ELR. . .

FOR SALE: DENTRON GLA-1000B linear with extra set of finals. In perfect shape electrically and appearancewise $250.00 or will trade toward a TS-130S. Jim Gundry W4JM, 2908 Forestgreen Dr. S., Lakeland, FL 33803 813 644-3435.

FOR SALE: Outstanding value: ICOM 701 with IC-701PS pwr supply, microphone, EX-1 extension terminal, CF-1 cooling fan. Mint condition with all manuals, boxes, cables. $590. Mint condition ICOM 551 w/manual, box cables only $300. Barry A. Baines WD4ASW, 4398 Phillips Place, Jacksonville, FL 32207 904 398-5185.

A RECENT SURVEY SHOWED THAT TWO MARRIAGES IN FIVE END IN DIVORCE. THE OTHER THREE FIGHT IT OUT TO THE BITTER END. . . . . W2CRW . . . . . .

SELL: Kenwood TS820 with digital display and F.T. 2.1 filter plus SP820 external speaker with audio filters, excellent condition $650. Also Tempo S-1 $140. Frank Nankin K4BNZ, 16558 NE 26th Ave., North Miami Beach, FL 33160 Days 305 940-6155 nights 305 944-1908.

SELL: Kenwood TR-2400, 2 meter hand held with ST-1 base stand, MC-305 mic for base stand, speaker mic, leather case and BC-5 mobile charger $325. KLM 2M circular polarized beams set of four with harness, paluns, framework and all new elements. Can UPS for $275. Ric Kennard N3BRT, Rt 1 Box 778, Groveland, FL 32736 904 429-3956.

WANTED: Linear amplifier (1200 watts PEP) Heath, Henry, Yaesu, Dentron, Swan, Cubic, etc. in mint condition ONLY. Frank Poynter W4YHO, 1260 NE 115 St., Miami, FL 33161 305 - 895-8472. Prefer local purchase, Dade - Broward.

NOTICE: When does your amateur license expire? When have you looked at it last? Maybe its' already expired! We give one day service on FCC 610 forms. Send a SASE that means self addressed stamped envelope, No. 10 (business size) to Florida Skip, Box 501, Miami Springs, FL 33266 for your free form. Editor.

SELL: Wilson Tetra tower, TT114 (61" when assembled), Wilson 4 element 20 meter monobander, M420, Wilson 4 element 15 meter - 3 element 10 meter duobander - DB43, Cushcraft 6 element 6 meter beam, 40 meter inverted "V" 80 meter inverted "V" instruction manuals, Hardware and over 500' of coax. Will sell whole system or individual parts. Best offers. Ron Zuckerman KA4RPD, 6520 Mayo St., Hollywood, FL 33023 305 987-4082.

MARRIAGE IS WONDERFUL! IT'S THE LIVING TOGETHER AFTERWARD THAT'S SO HARD. . . . . K1GGP. . . . . .

ESTATE SALE OF K4JWM: Drake 4B receiver $240. or best offer. New Astatic microphone, paid $40. Hy-Gain TH2MK3 - 2 element 10-15-20 meter, trap beam and BV-86 balum, paid $125. Hy-Gain 14AVQ/WB 10-15-20-40 meter vertical. Ranger keyer & Brown Bros. model BTL, CDR rotator control box and miscellaneous. Julie Frison (Mrs. James), 7760 NW 31 St., Hollywood (Davie), FL 33024 305 432-7032.

FOR SALE: MBA-RO code reader excellent condition $125. Kantronics mini code reader has 24-hour clock, reads RTTY, ASCII and Morse, like new $120. Varian mod. F-50 X-Y oscilloscope graph recorder. May need repair so only $50. National NC-240D rack mounted receiver. Nice operating collectors item $55. Bud Miller KA4AIK, 902 Nightingale Ave., Miami Springs, FL 33166 305 887-7655.

FOR SALE: AR-22 rotator control box $5. Transformer 2500 v. CT at 500 mA. cased continous duty $25. Chokes available for transformer. Hammarlund HQ110C and National NC300 receivers, $75. each. AEA Isopole 2 meter antenna. WANTED: 8 or 9 digit counter and noise bridge. R. W. Cox KC4NN, 1518 Siena Ave., Coral Gables, FL 33146 305 661-8645.

FLORIDA 2 METER REPEATER MAY. 3rd editon. Each city has it's own box with frequencies listed therein. It has another listing along the left side. Printed, black on yellow bond easy to read paper 11 X 17 inches. Only 25 cents each with your No. 10 Self Addressed Stamped Envelope (SASE) to: May, Florida Skip, Box 501, Miami Springs, FL 33266. PLEASE NOTE: Our Box ZIP number is now 33266 - not 33166. Post Office changed it!!!

FOR SALE: Heathkit VF-7401, 2 meter transceiver, synthesized, 15 watts, mic and manual. Heath HWA-203603 4-amp. matching power supply. All as new and exess to my needs $210. Kantronics Hamsoft for VIC-20 computer interface unit, modified by factory to current specifications $40. Heath IG-5280, signal generator and manual, as new $35. Radio Shack, time base benerator and manual, 1 Hz to 10 MHz in 10 steps $25. D-104 microphone with grip to talk base $20. Drake TV-1000 low pass filter $10. Allied Radio VTM KG-625 $20. Heath V-6 VTM $15. Grid dip meter Lafayette TE-18, coils and manual $20. Money order or certified check. Shipping added. Thomas Schropp WA4QNY, 2655 Nebraska Ave., Palm Harbor, FL 33563 813 785-2576.

AMATEUR GARDNERS NEVER SEEM TO LEARN THAT EVERYTHING THAT GROWS LIKE A WEED IS ONE. . . W2CRW. . .

PLEASE NOTE: ALL HAMBARS ARE $2.00 MINIMUM, 5 CENTS A WORD OVER FORTY WORDS. SEE RATE CARD INFO AT BEGINNING OF HAMBAR SECTION FOR DETAILS ON ALL ADS. Thanks, Editor.

WANTED: TEN-TEC 515 Argonaut QRP Xcvr W/pwr supply & manual. State price and condx. Morton Berger K4JIL, 3051 NW 46 Ave., Ft. Lauderdale, FL 33313 305 735-9137.

SELL: 2 meter A-147-11 Cushcraft and small rotor, both $55. Luis Bardino KB4BC, 174 E. 10th St., Hialeah, FL 33010 305 888-6137.

FOR SALE: DRAKE TR-4-C late serial 33731, mint condition $250. AC-4 power supply $65. RV4-C remote VFO & speaker $65. Six 6JB6s finals $15. 52 new tubes for TR4-C, three complete sets $50. Complete package deal $400. FIRM! First check, cash or money order. U pick up and try out on operating table. Must see to appreciate. Absolutely mint condition. All manuals and cables included. Don Phillips W4PEL ex-W3LTU, 7807 NW 39th St., Coral Springs, FL 33065 305 752-2990.

MOVING: SELL 30 ft. Rohn foldover tower with hinged base plate and rotor plate, heavy duty rotor and Hy-Gain 3 element tri-bander TH3MK3 $275. Hustler 4-band trap vertical 4BTV $40. Kimball Swinger Electronic organ, needs minor work $600. Owen Malcolm WB4IGI, 9301 Kendale Blvd, Miami, FL 33176 305 - 279-4029 after 6 p.m.

FOR SALE: WILSON SYSTEM GT-46 (galvinized tower 46 feet) like new with book, & warranty care. Sells new around three bills. Will sell for $185. complete with mounting plate, fold-over base plate and all hardware. 1200-DL winch for above tower $15. Heath Amateur Radio Novice License Course (Continuing Education) with tapes with 2 code practice tapes, like new $35. Hy-Gain 18AVT/WB-A 80-10 vertical antenna, exc. condx $55.00 ALLIANCE HD-73 Heavy duty Rotator and remote indicator $75. with owners manual...Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

81 Ft. crank-up tower for sale. Wilson model CT-81 with house bracket $400. Rohn 25G 50-foot with top section & rotor bracket $100. Jeff Preston N4NJ, 9426 S. 102 Pl. Boynton Beach, FL 33437 305 736-0998.

SELL: Aircraft scanner, 16 channel programmable (no crystals required) by Regency. Works on a.c. or 12 v.dc. Excellent condition $110. SWR/power and modulation meter by Radio Shack $20.00. Sound level meter by Radio Shack $20. Frank Merceret WB4-BBH, 12801 SW 148 St. Rd., Miami, FL 33186 305 252-2057.

SPECIAL PACKAGE: Drake TR3, RV3, W4, MS4, AC/DC power supplies, filters, Dentron Jr., Monitor & Hustler 4BTV, mint condx original owner, all manuals - factory inspected - now $499. Rick Painter WA6KUI/4, PO Box 1254, Mount Dora, FL 904 383-7400.

FOR SALE. Entire ham estate of Dr. Leland Campbell, WA4ZOY/AAR4QE, consisting of such items as Collins 32S3, 75S-3B, 30L-1, 516F-2, 312B-4, SWAN 350D, HB linear, info-tech keyboard, fine tuner, Sanyo video monitor, five watt meters, 2 oscilloscope, two beam antennae, Dow-key Tower, Ham II rotor, etc. For complete priced listing send SASE to Bill Gibson KD4FI, 129 S. Orange Av. Deland, FL 32720 904 734-5762.

DO NOT SQUANDER TIME, FOR THAT IS WHAT LIFE IS MADE OF. . . .

HEATH: SB-101 - SB23A - SB600 - SB401 - SB303 - SB630 Robot 80A with 1.8 Cosmicar 55mm - 70A - 61 ICOM LC-215 $700. Jos. Di Leonardo, 2070 Jamaica Dr., Miramar, FL 33023 305 871-1137 Office 987-1776.

we are doing these days — particularly in the Amateur field — is strictly response oriented from complaints. We have such good results from self-policing within the Amateur community that we virtually do no monitoring for violations on our own. In this case, the initiating complaint was one of deliberate interference."

(W5YI REPORT)

FLORIDA REPEATER MAP

The only one of its kind. The third edition of the Florida 2 meter repeater map is off the press! ! A beautiful job by Editor, Bill Bucker, W4FXE. Each city has it's own box with frequencies listed therein. There is another list by frequency along the side. Map is printed on 11 X 17 inches, black on light yellow, easy to read, 20 pound bond paper. We are keeping price down to only 25 cents each with your No. 10 (business size) envelope self addressed and stamped. Send to: Map, Florida Skip, Box 501, Miami Springs, FL33166

This neat station operated by the USAF MARS members was on the air, RTTY during the Miami Hamboree. Unable to identify member in photo. For more info about A. F. MARS contact Mike Green, WA4ZVW, State Director in Miami. (Photo by WB4CKY)

ARRL TO FCC.....

session in Hartford, CT on April 21 and 22, 1983, has adopted the following resolution.

"Whereas, the FCC has proposed in Docket 83-28 a significant revision in the structure of the amateur service by introducing a new class of code free amateur license and

"Whereas, the League shares the objective of encouraging and facilitating the entry into the amateur ranks of additional persons, especially bright young persons, but has found little evidence that the requirement for a knowledge of Morse code is a significant barrier to such entry and

"Whereas, the ARRL, as the national organization of radio amateurs, has carefully assessed the views of its members concerning the importance of the continuation of a Morse requirement for obtaining an amateur license and

"Whereas, the League officers, directors and staff have reviewed the impact of a new license class upon the volunteer examination program proposed in Docket 83-27, and

"Whereas, the League, conscious of the significant contributions made by an Amateur Radio Service which is composed of highly qualified and highly motivated individuals, is concerned that there be no further reduction in the long established entry standards, now, therefore

BE IT REVOLVED by the Board of Directors of the ARRL in annual meeting assembled that the general manager is directed to prepare for filing by counsel comments in the matter of Docket 83-28 stating in the strongest possible manner the opposition of the League to the creation of an amateur license class that does not require demonstration of a knowledge of the Morse code."

(The ARRL LETTER)

TROPICAL HAMBOREE SCHOLARSHIPS FOR FLORIDA AMATEUR RADIO OPERATORS

Dade Radio Club announces the opening of the annual Tropical Hamboree Scholarship program with the awarding of two scholarships for the 1983-84 college term.

Florida residents holding an amateur radio license of Technician Class or higher who have been accepted or are attending an accredited Florida college or university on a full-time basis are eligible for these scholarships. There is no restriction on the course of study, however, preference will be given to electronics or science-related fields. Full information and applications for the scholarships are available from:

The Foundation for Amateur Radio
6903 Rhode Island Avenue
College Park, Maryland 20740

Applications for the Hamboree Scholarships should be returned to the FAR Scholarship Committee by June 28th.

Dade Radio Club wishes to thank the amateur radio fraternity for making this scholarship program possible through their support of the annual Tropical Hamboree.